SUMMARY SHEET

Project title: Construction of power plant from biomass

Sector : Industry

Products / Services : Electricity and organic fertilizer

Location: Kordkoi County, Golestan Province

Annual capacity : 4380 kW electricity and 9000 thousand liters of liquid fertilizer



Project description :

This project will be constructed on a 10,000 m² plot with a 1124 m² built-up area.
Annual utility requirements:
Electricity: 350400 kWh
Water: 5475 m³
Natural gas: 3650 m³
The facility will be equipped with either domestic or imported machinery.

Benefits of implementing the plan:

- Easy access to raw materials at the project site
- Low price of raw materials
- Electricity supply
- The rapidity of the plan

Financial and Economic indicators

Financial structure :

Description	Total euros
Fixed capital	2,852,590
Working capital	66,884
Total investment	2,919,474

- Value of foreign equipment / machinery 1500000 Euro
- Value of local equipment / machinery 188808 Euro
- Value of foreign technical know-how --- Euro
- Value of local technical know-how ------ Euro
- Net present value (NPV) 87797267 Euro
- Internal Rate of Return (IRR) 77.88%
- Capital Rate of Return : 2.39 years